

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_PC7-N-50-6/1--\_N

Rev.: D



### Description

Adaptor plug/jack  
PC 7 plug (male) / N jack (female)

Interface standards  
IEEE STD 287\_ANSI C 16.43



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	11 GHz		
Frequency range	DC to 3 GHz	3 to 6 GHz	6 to 11 GHz
Return loss	≥ 36 dB	≥ 32 dB	≥ 24 dB
Electrical Length	41.85 mm +/- 0.1		

#### Mechanical Data

Number of matings 500

#### Environmental Data

Operating Temperature -55 °C to 70 °C  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Parts (PC 7)

Centre contact	<b>Material</b> Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

##### Piece Parts (N)

Centre contact	<b>Material</b> Copper Beryllium Alloy
Outer contact	Stainless Steel
Insulator	

##### Surface Plating

Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

##### Surface Plating

SUCOPRO Plating

### Related Documents

#### Ordering Information

Single package 33\_PC7-N-50-6/1--\_NE

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



**HUBER+SUHNER AG**  
RF Technology  
9100 Herisau, Switzerland  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 45 90  
www.hubersuhner.com

**HUBER+SUHNER – Excellence in Connectivity Solutions**